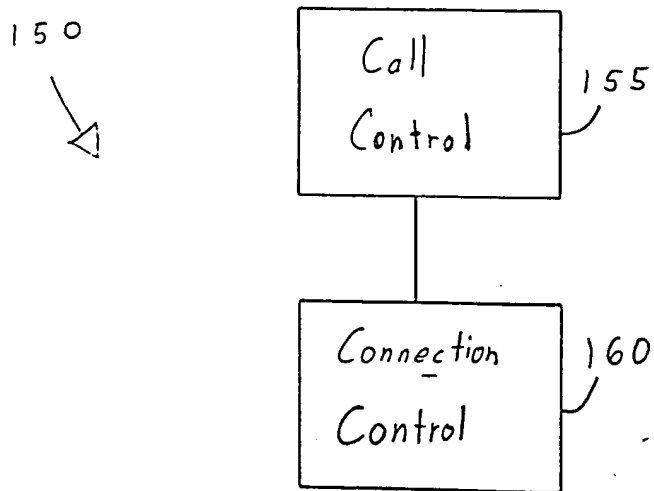


Prior Art

FIG. 1A



Prior Art

FIG. 1B

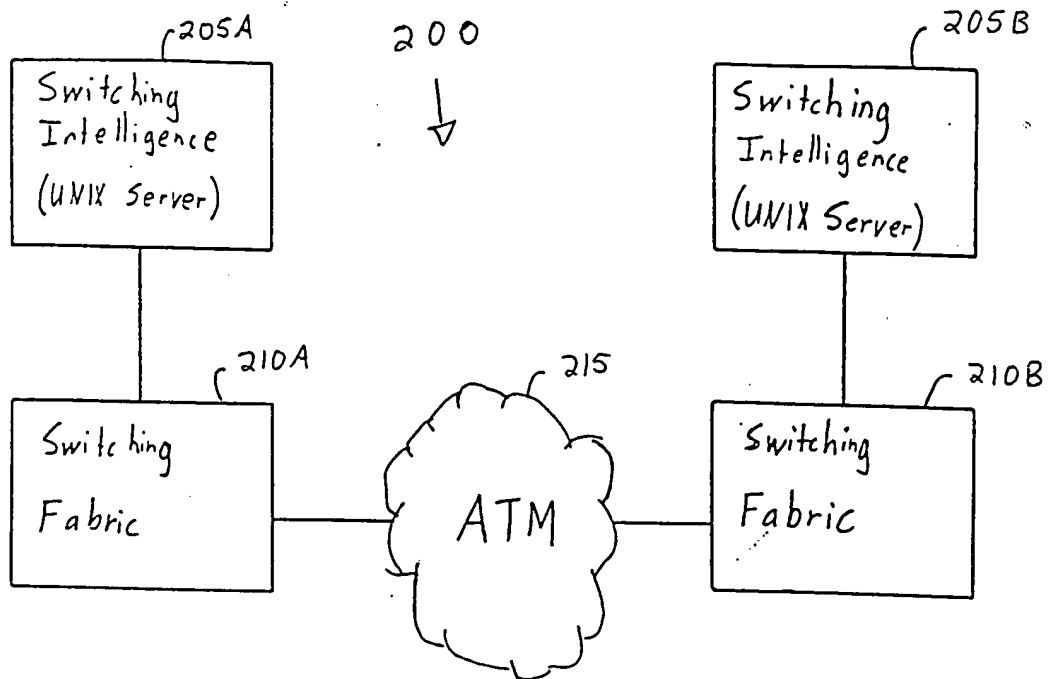


FIG. 2 Prior Art

Fig. 3

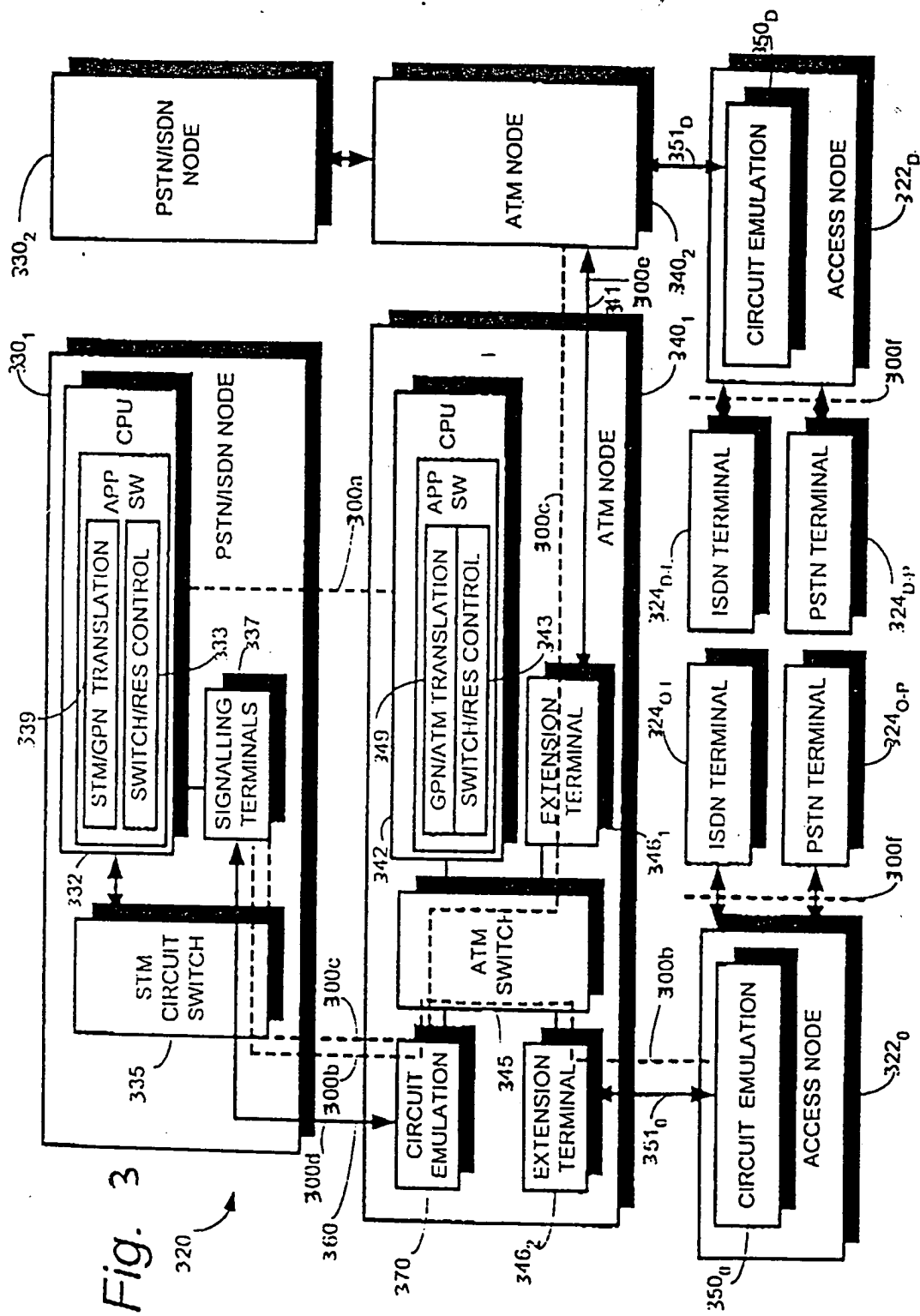
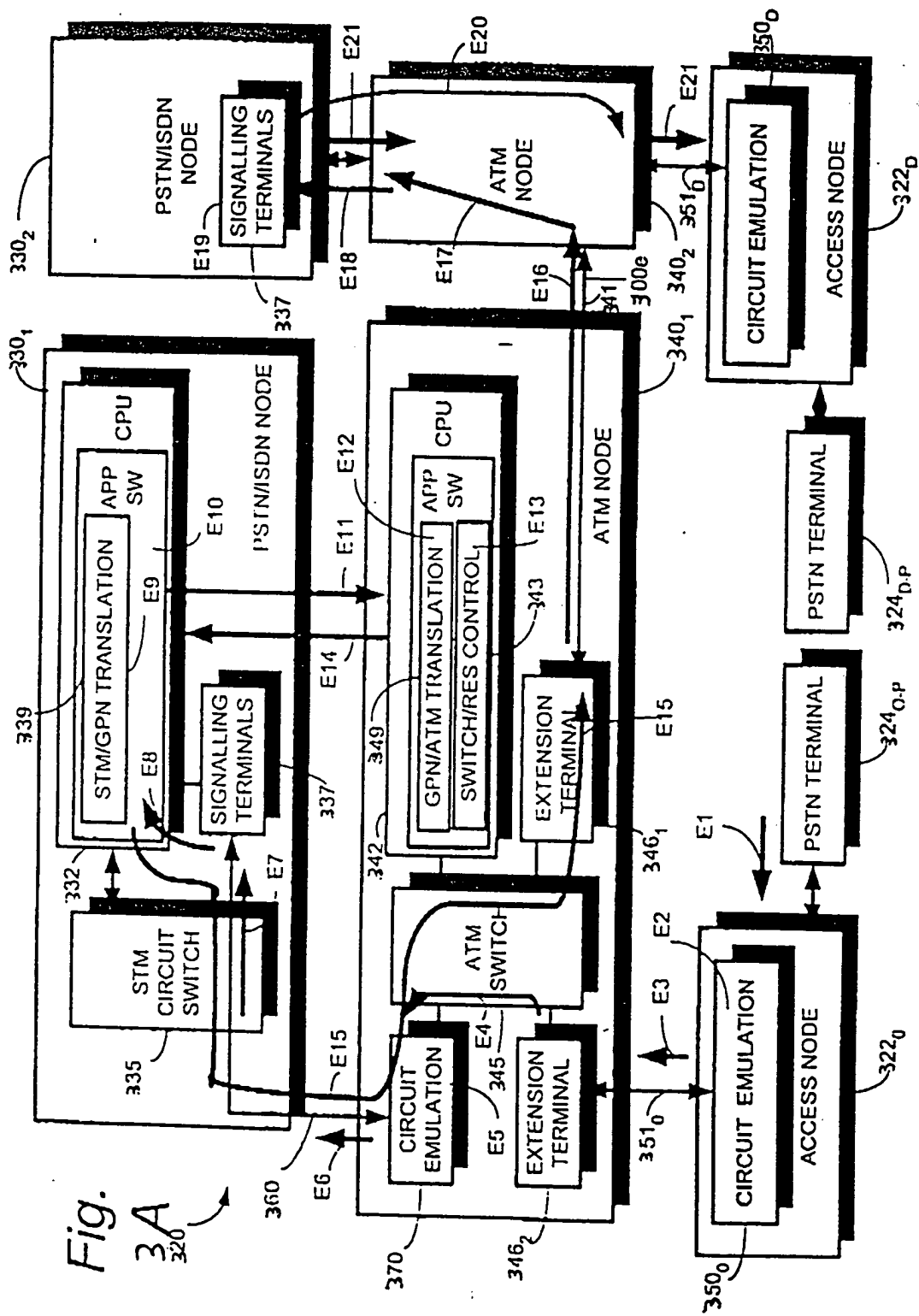
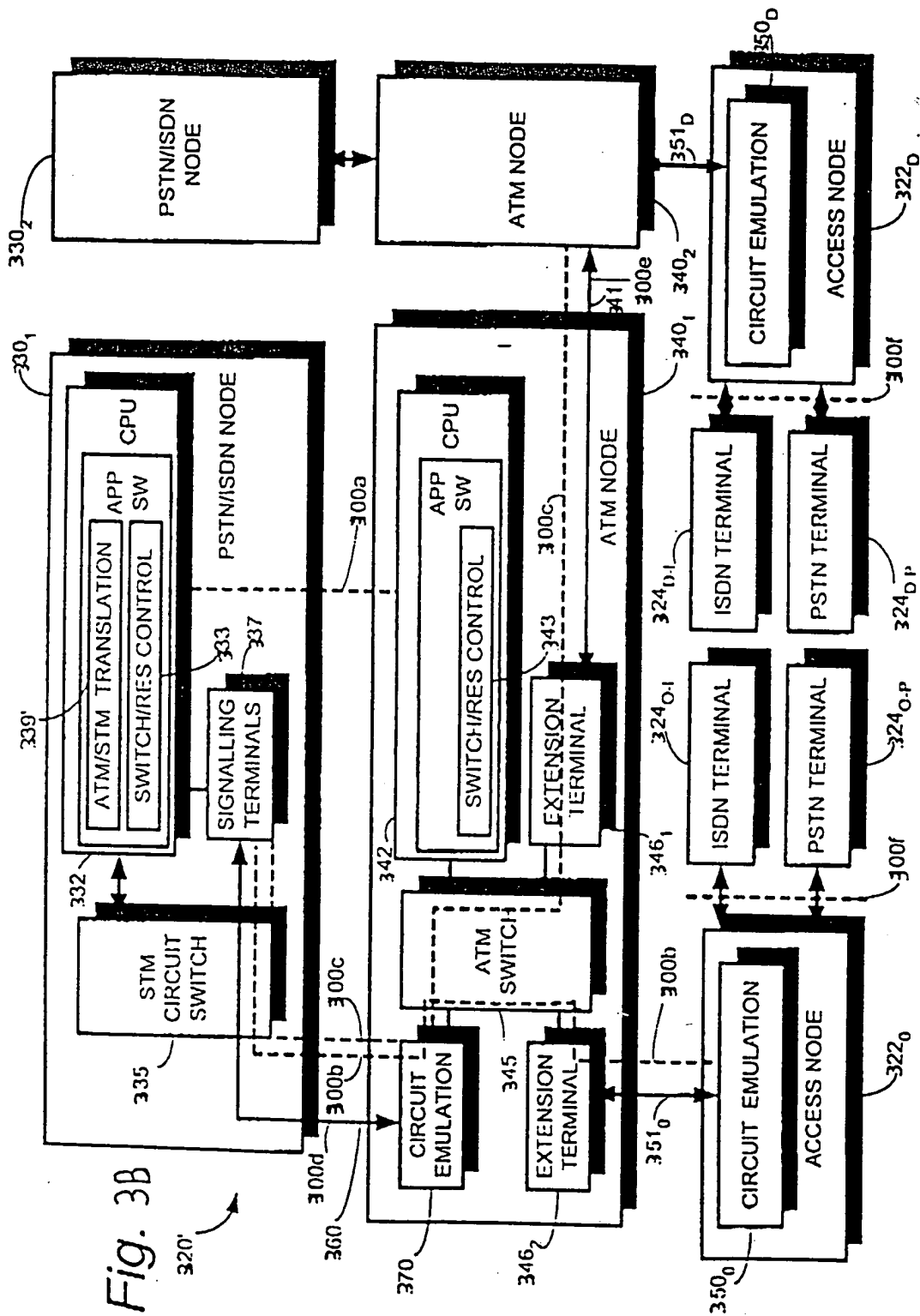
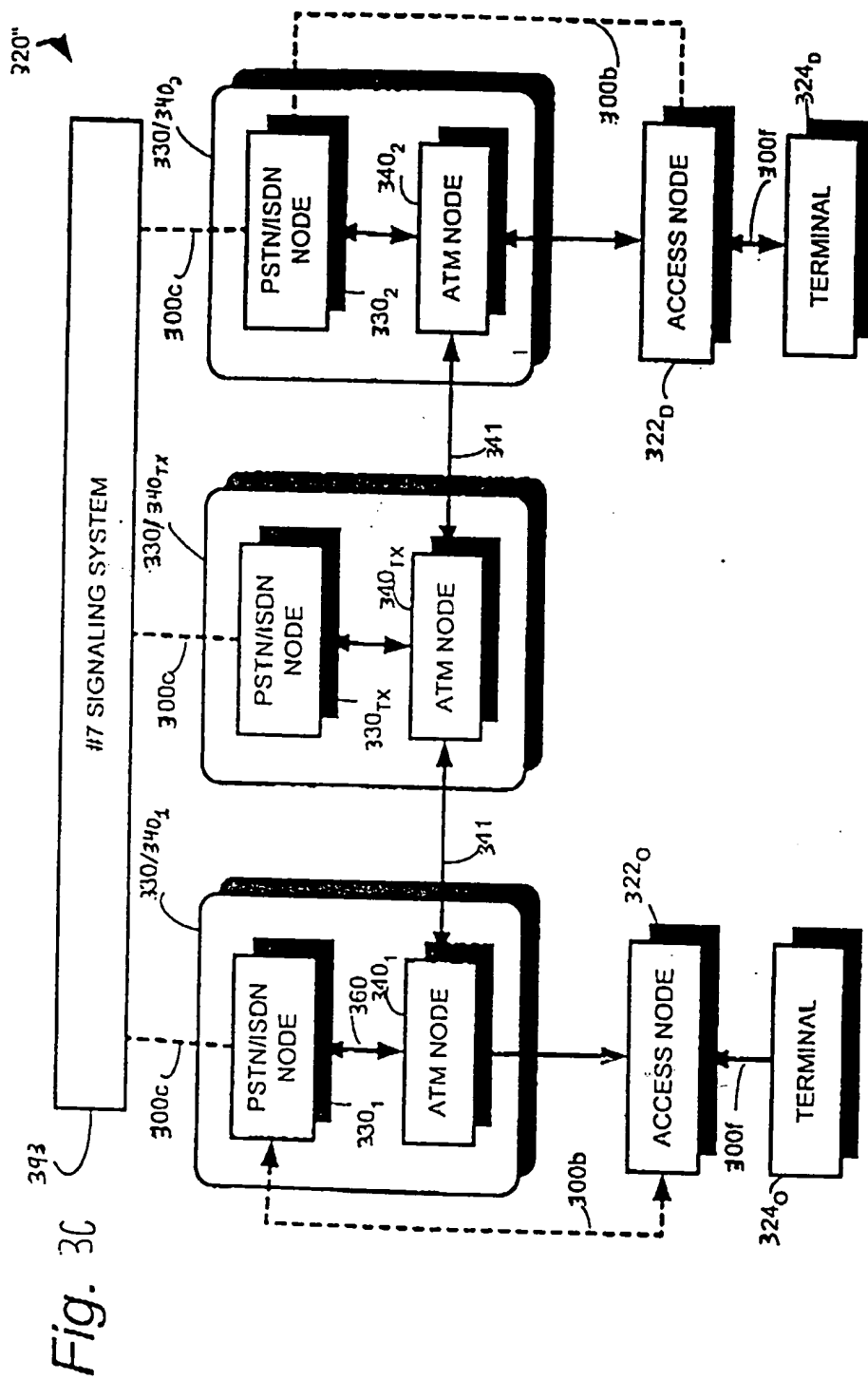


Fig.

3A







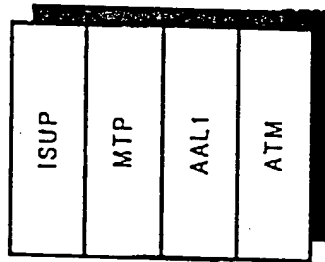


Fig. 3D

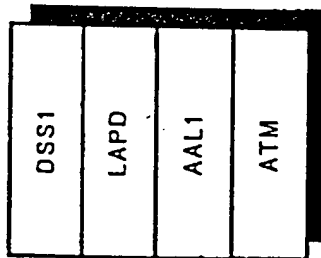


Fig. 3E

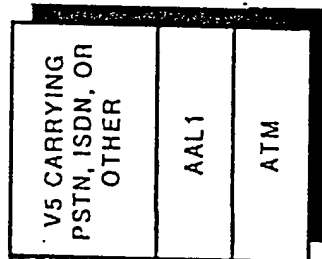


Fig. 3F

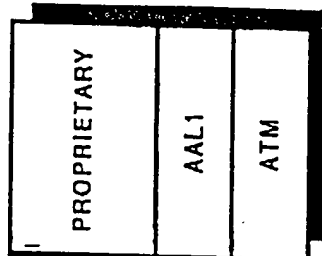
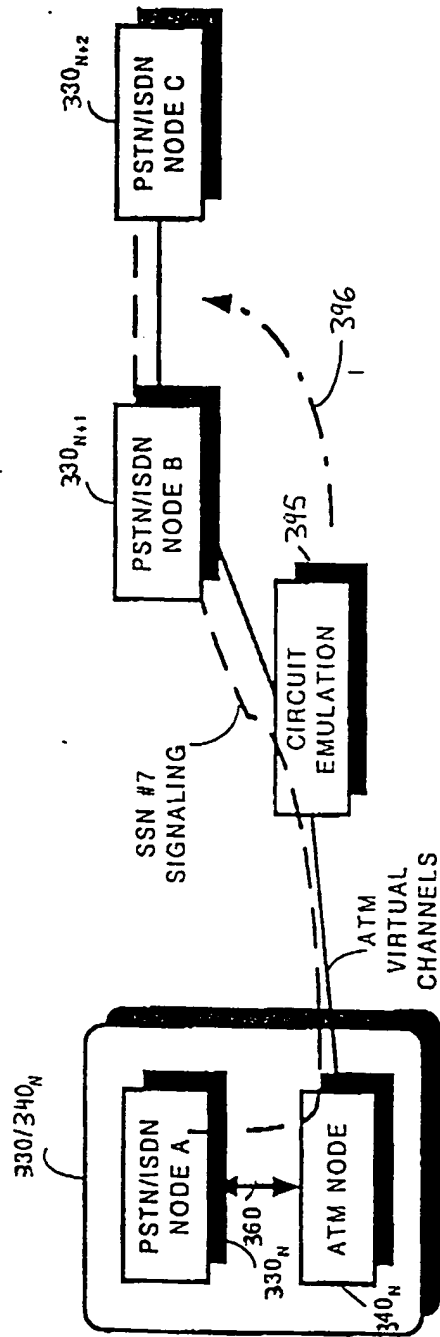


Fig. 3G

Fig. 3H



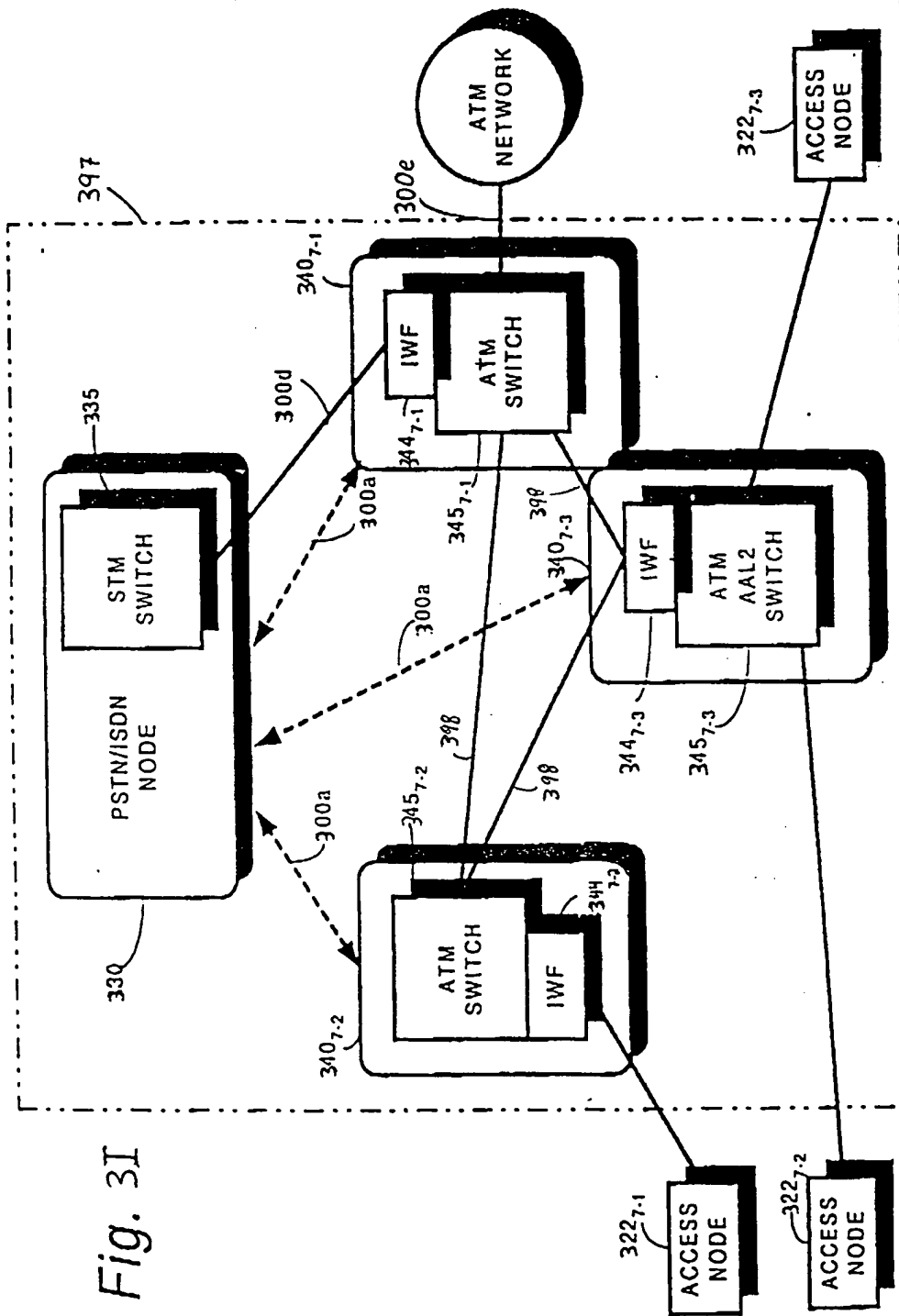


Fig. 3I

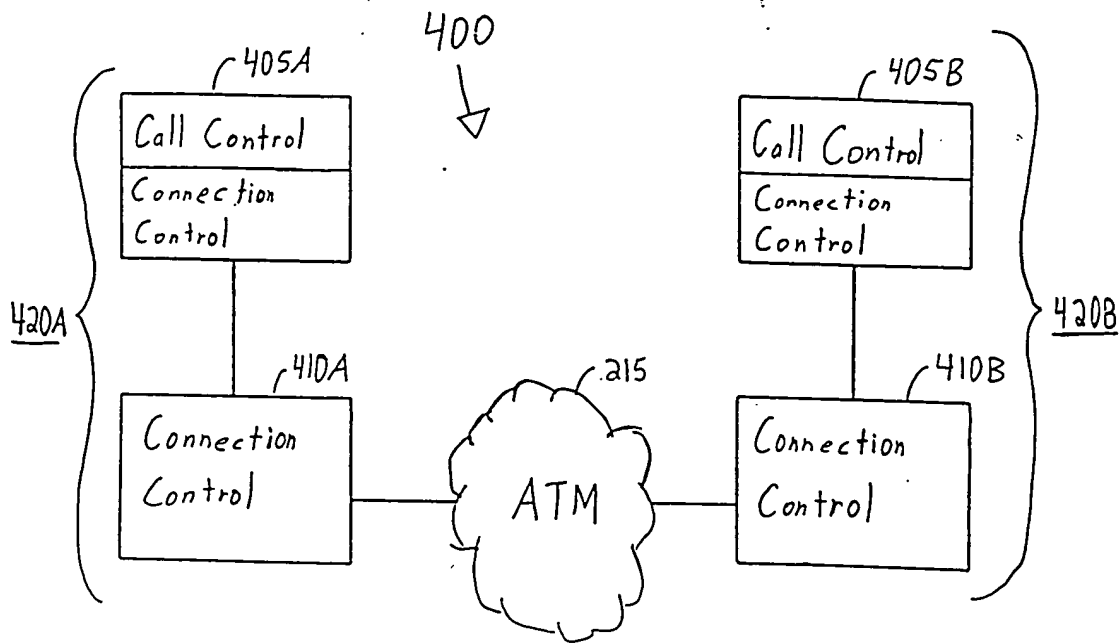


FIG. 4

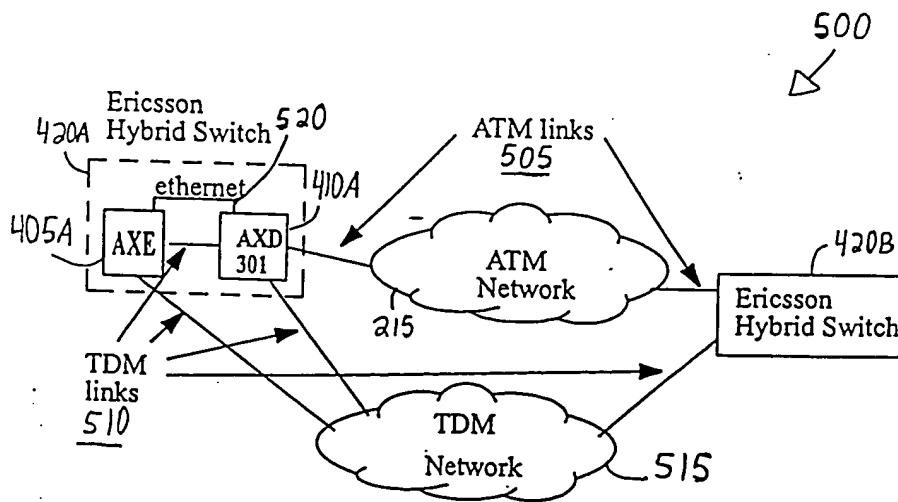


FIG. 5

Downloaded from www.ascelibrary.org

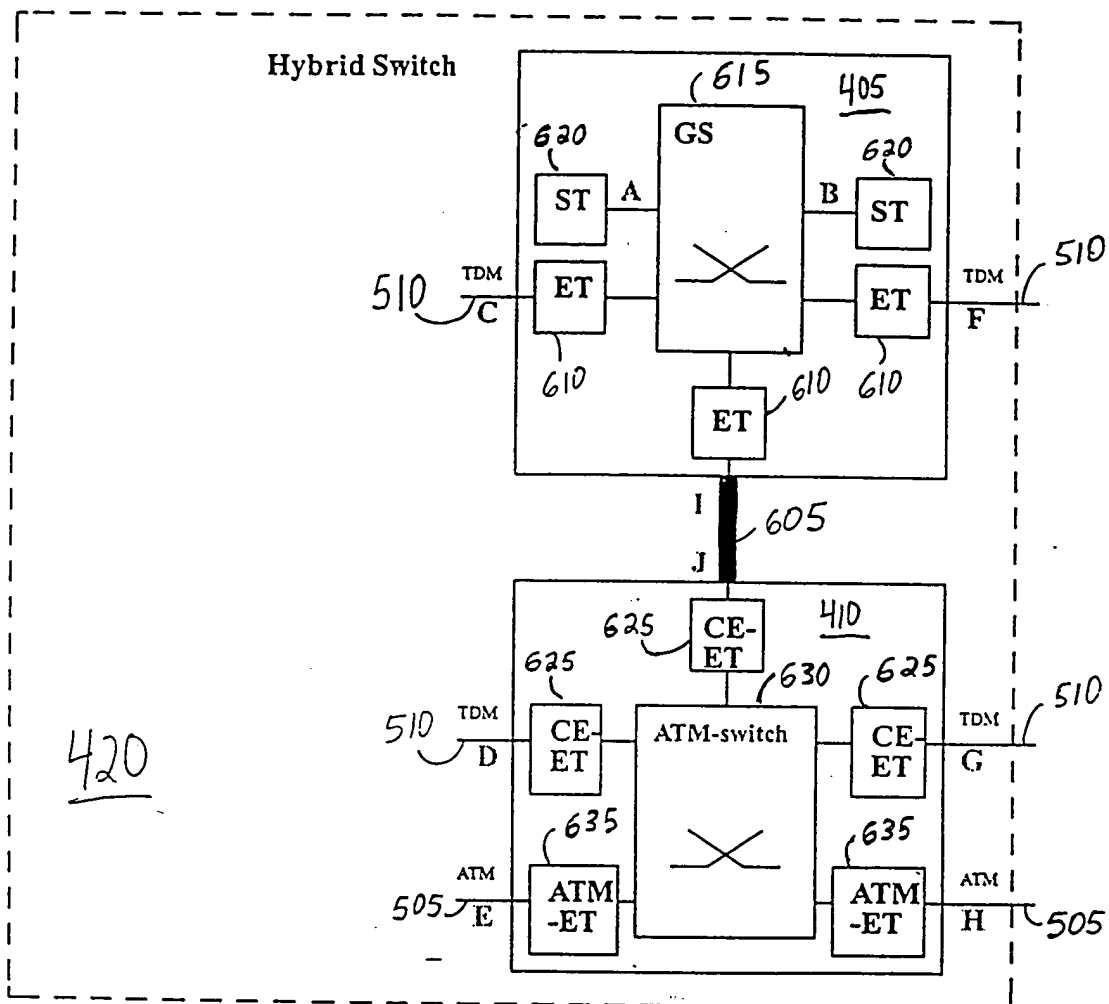
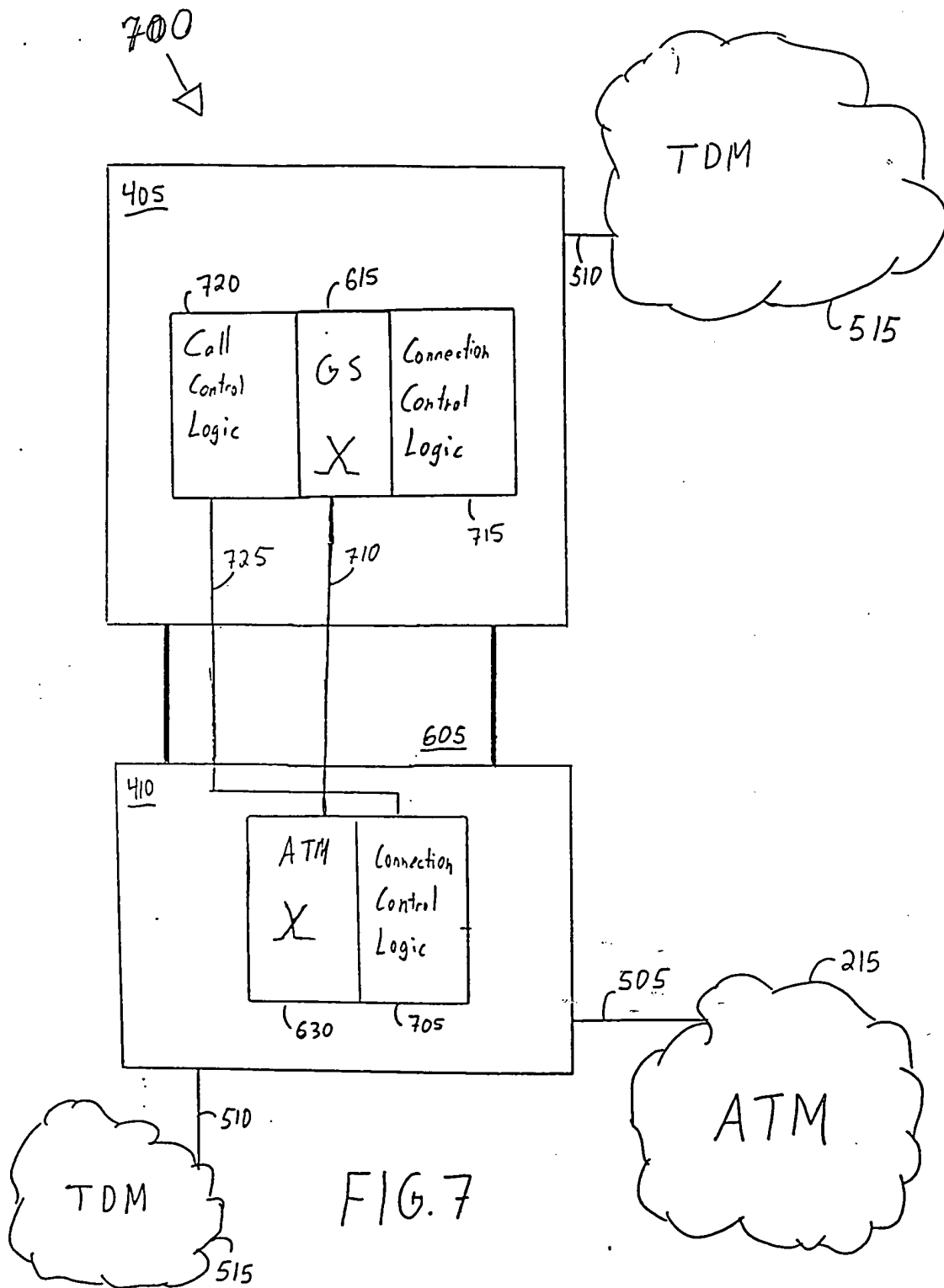


FIG. 6

FIG. 7



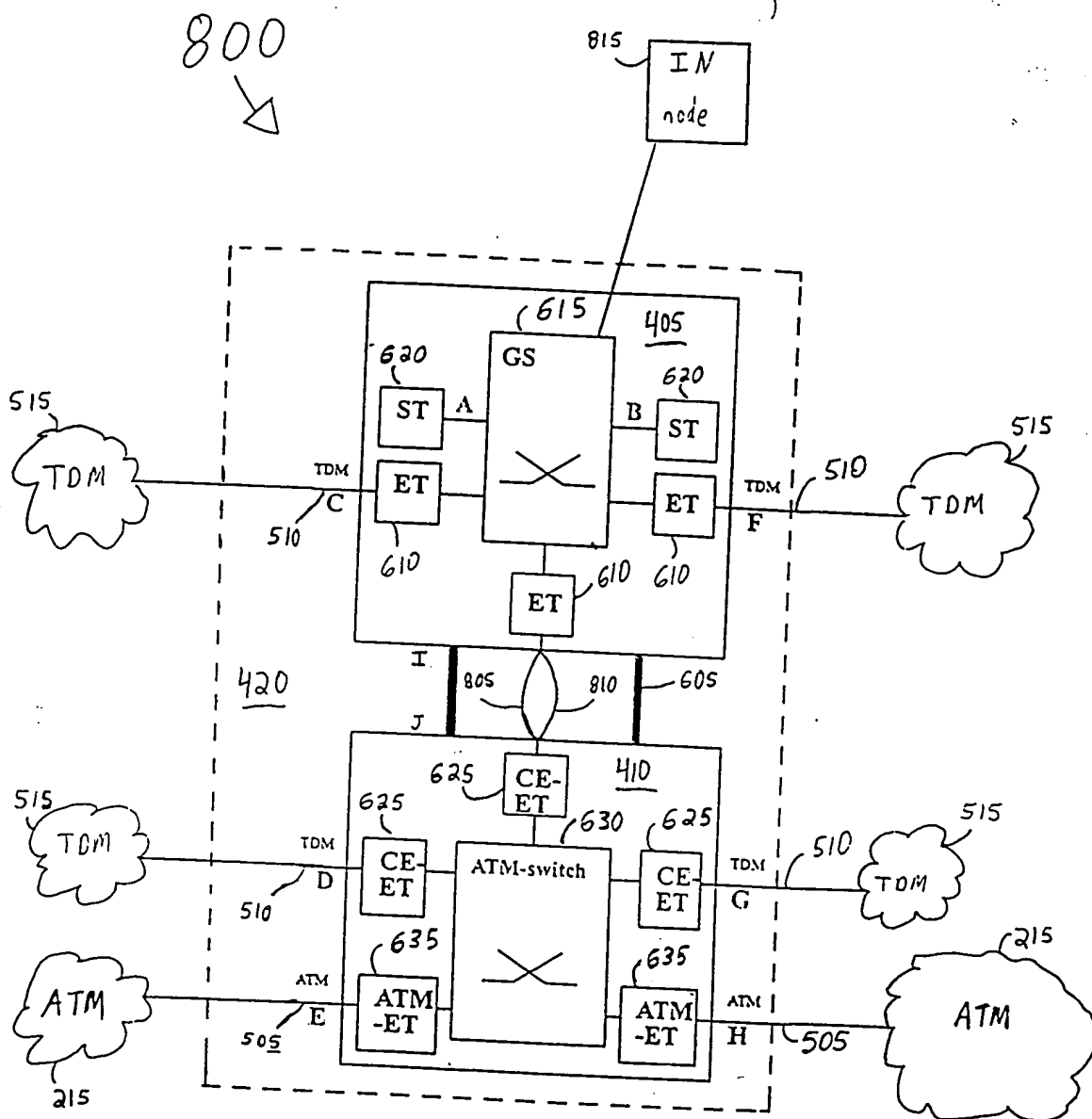


FIG. 8

900
↓

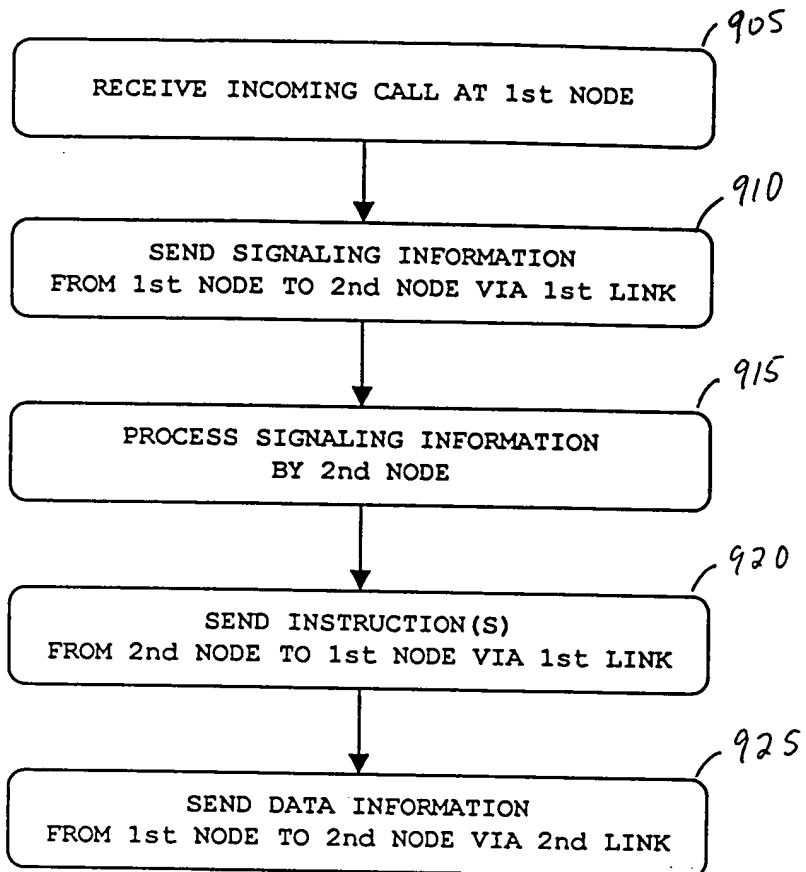


FIG. 9

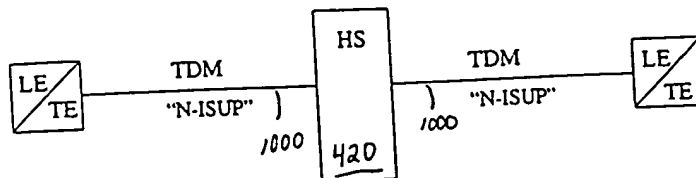


FIG. 10A

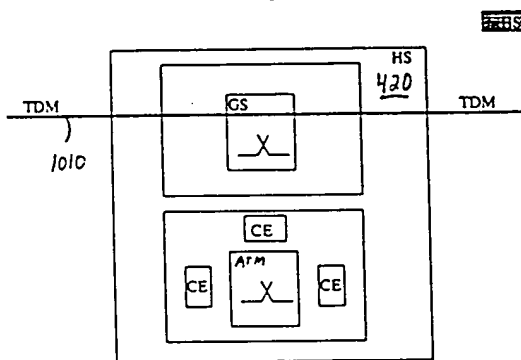


FIG. 10B

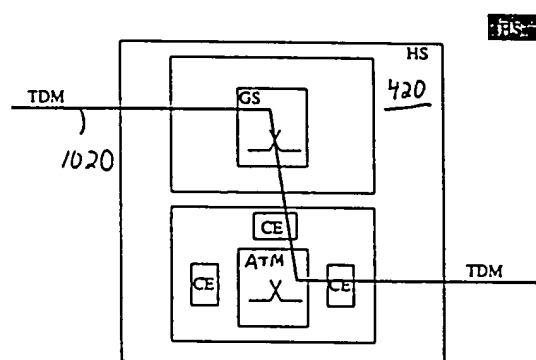


FIG. 10C

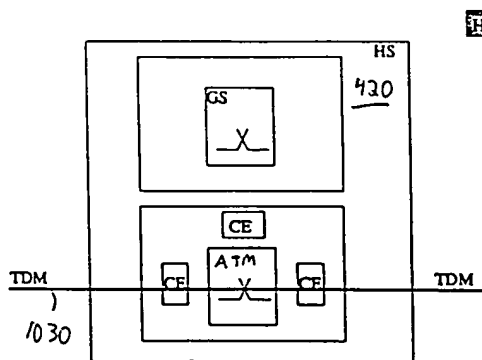


FIG. 10D

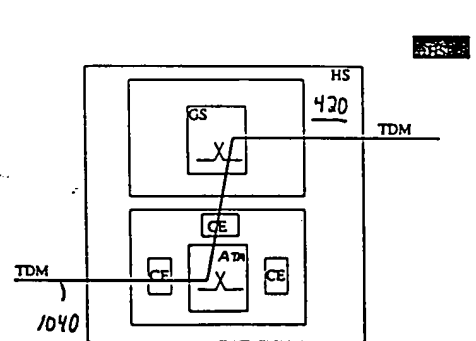


FIG. 10E

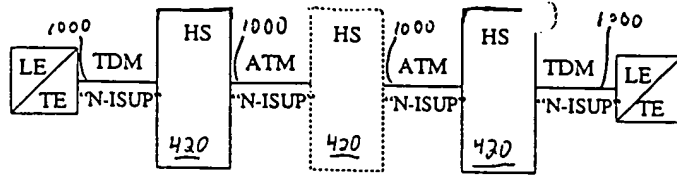


FIG. 10F

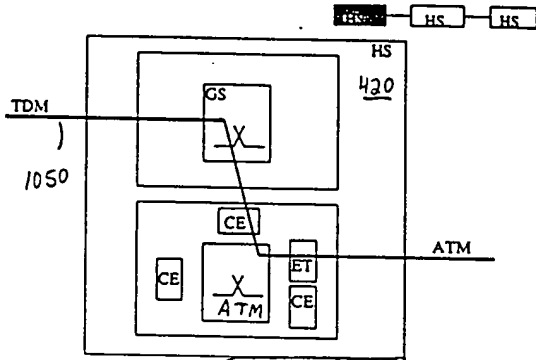


FIG. 10G

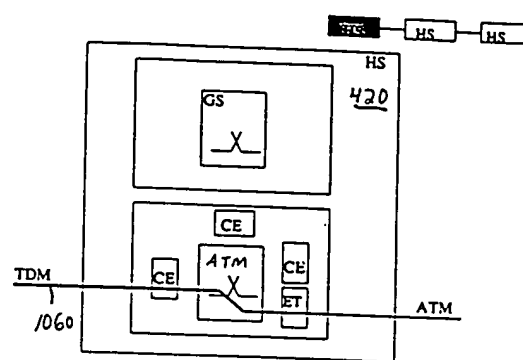


FIG. 10H

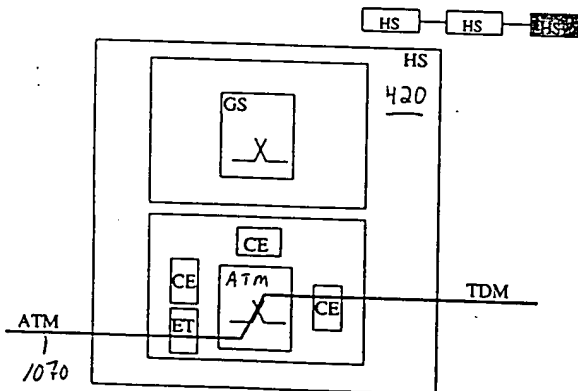


FIG. 10I

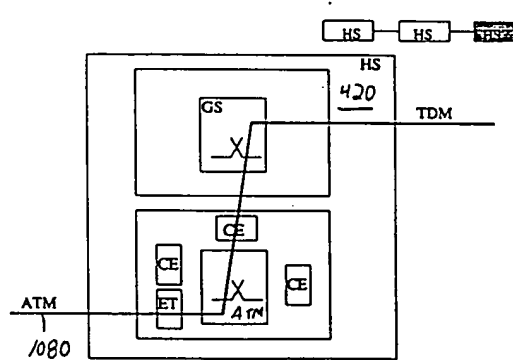


FIG. 10J

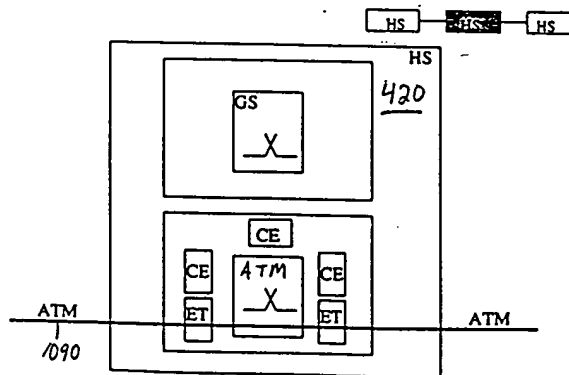


FIG. 10K

1100

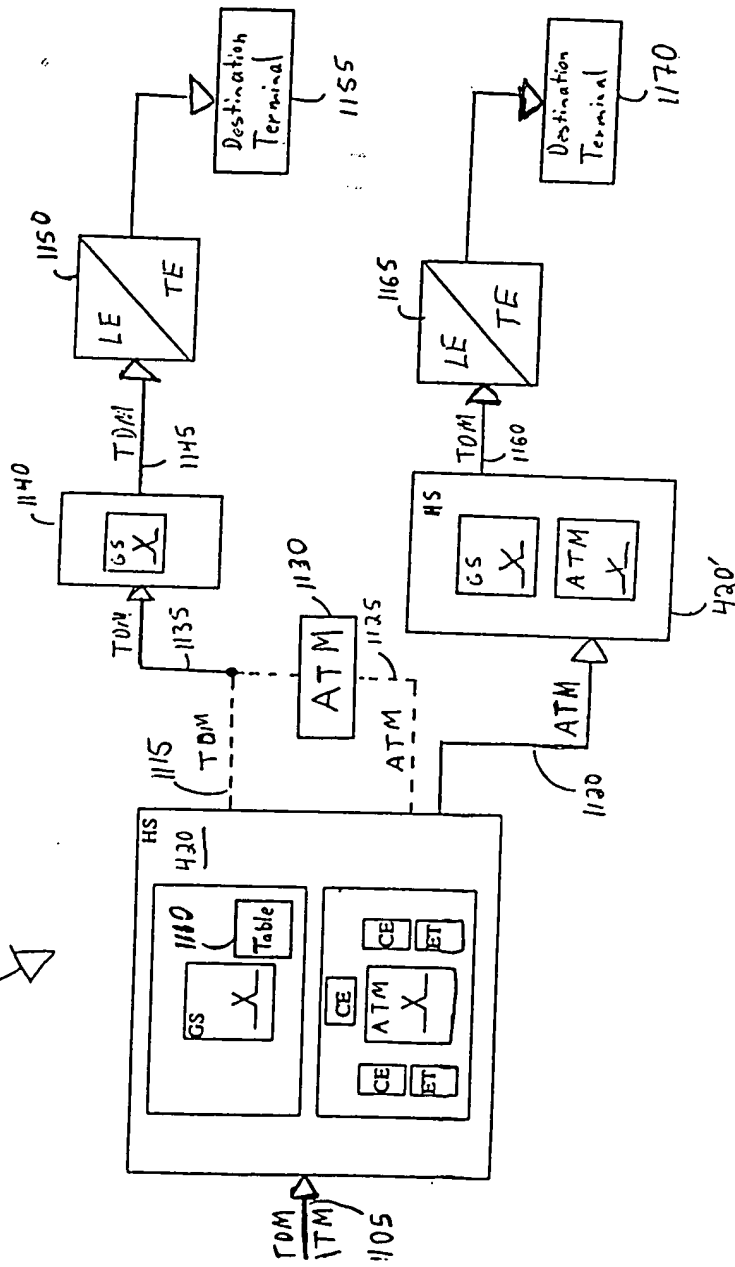


FIG. 11

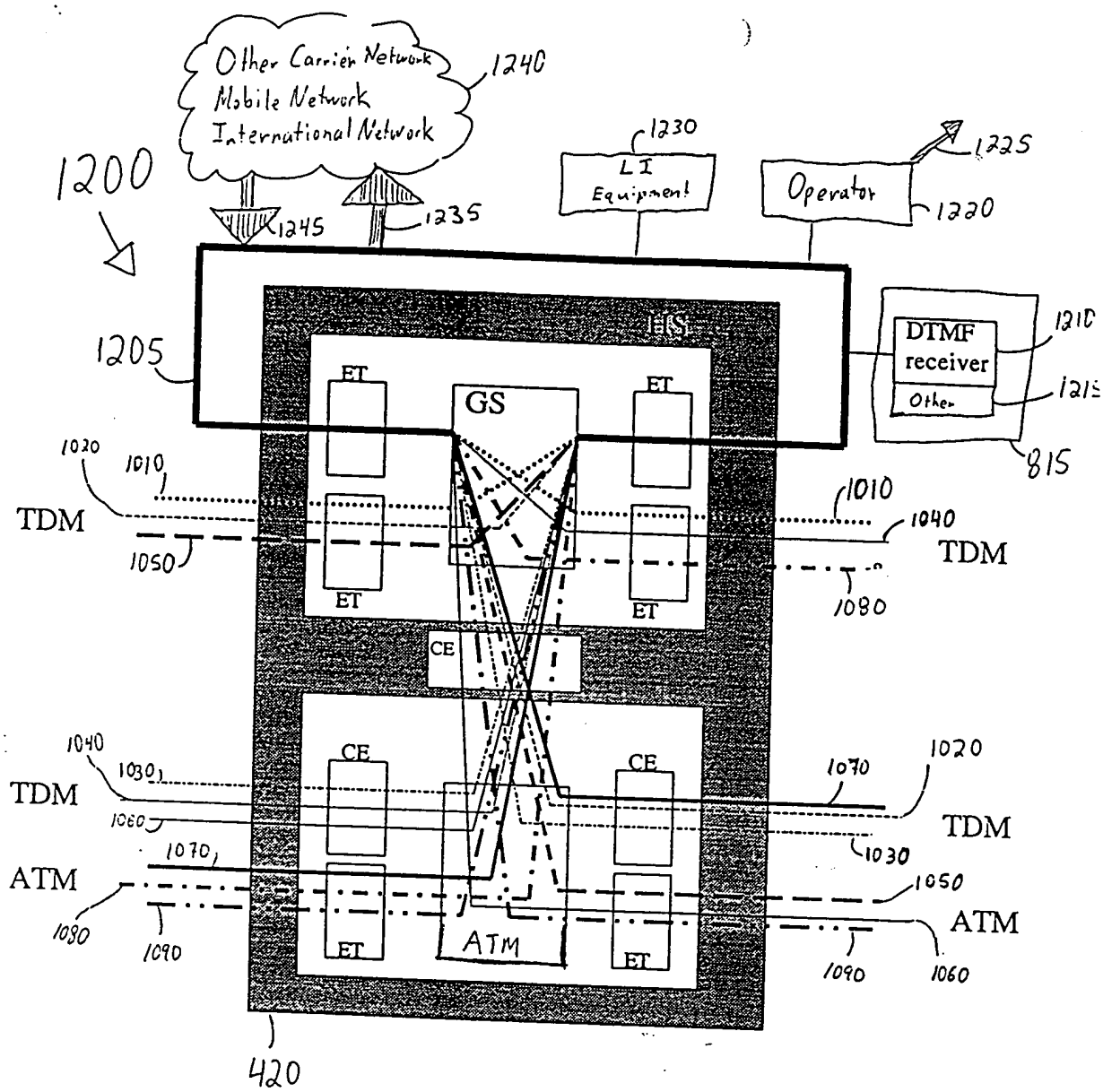


FIG. 12

1400

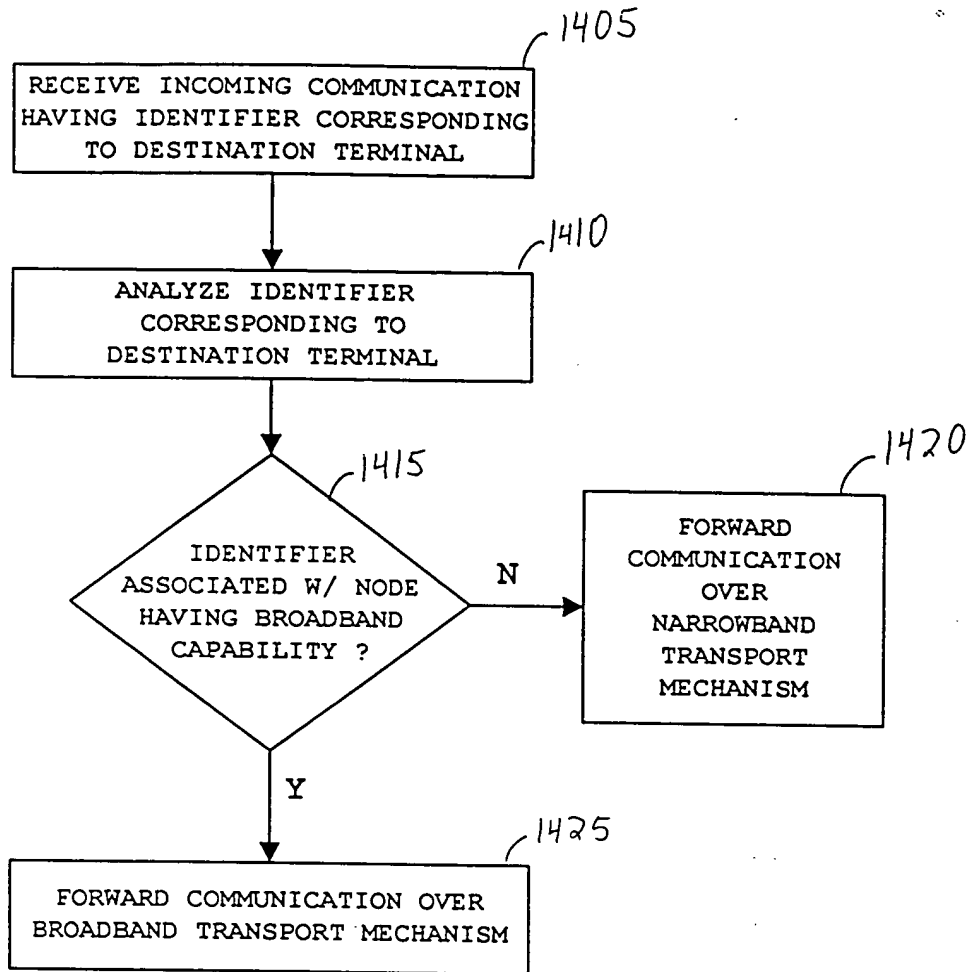


FIG. 14

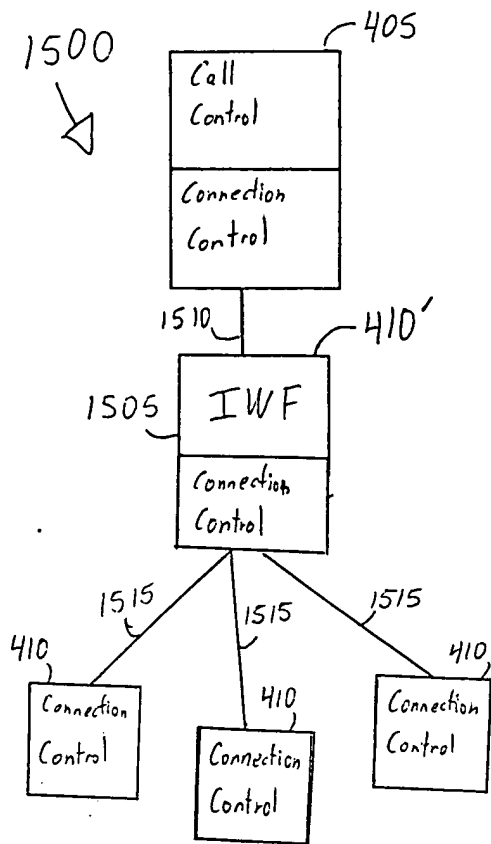


FIG. 15

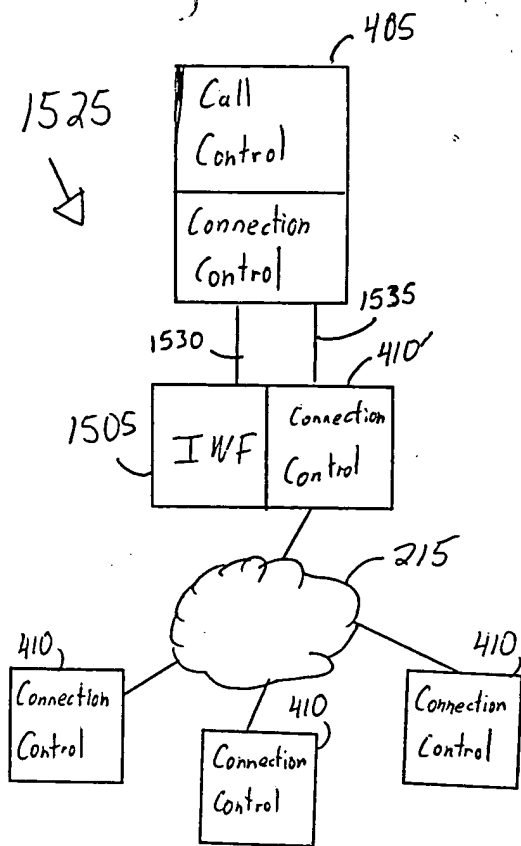


FIG. 15A

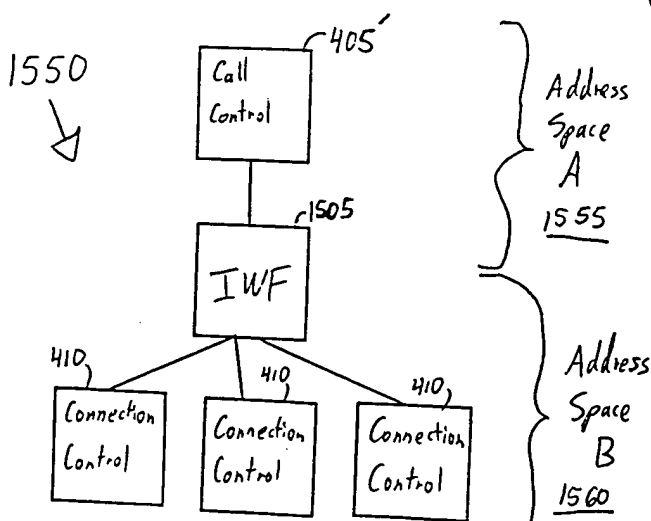


FIG. 15B

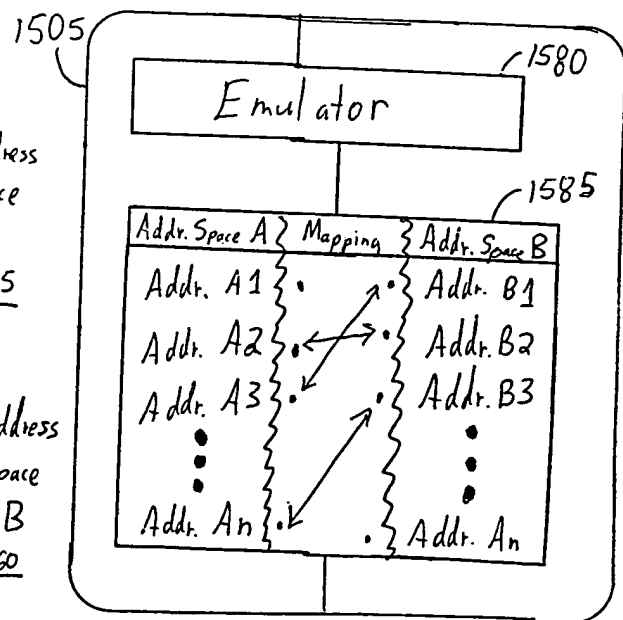


FIG. 15C

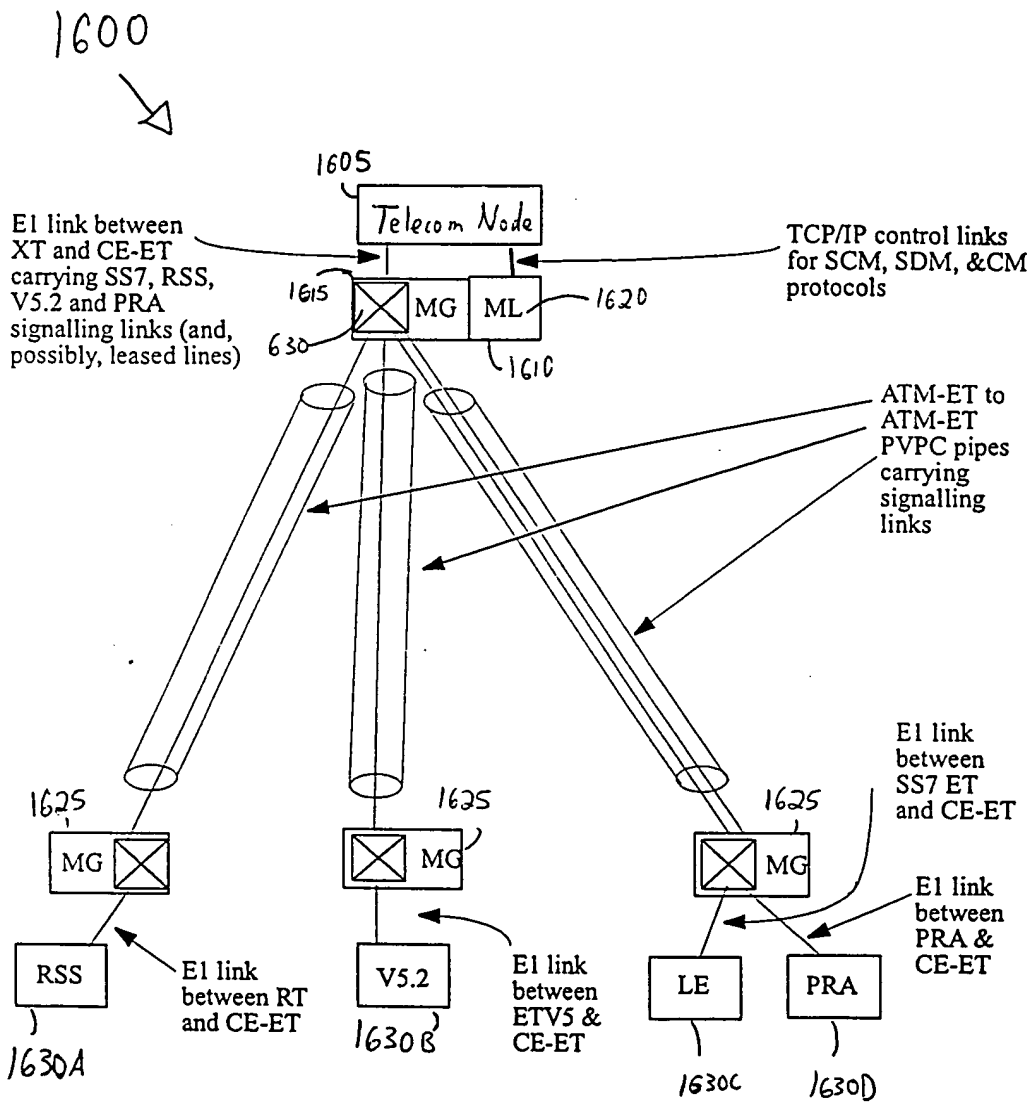


FIG. 16

ML - Media Logic
 MGW - Media GateWay
 LE - Local Exchange
 AN - Generic Access Node
 PBX - Private Branch Exchange
 TDM - 2M PCM link
 NNI - Node Network Interface
 UNI - User Network Interface

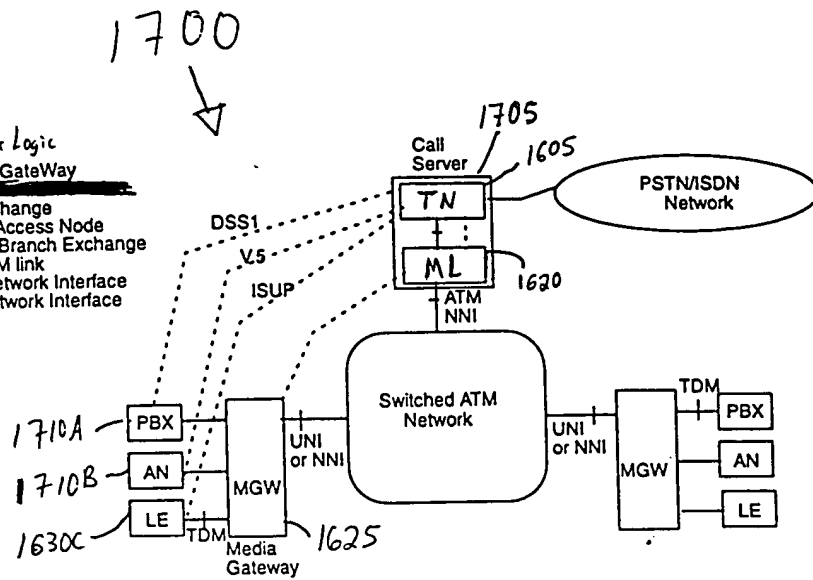


FIG. 17A

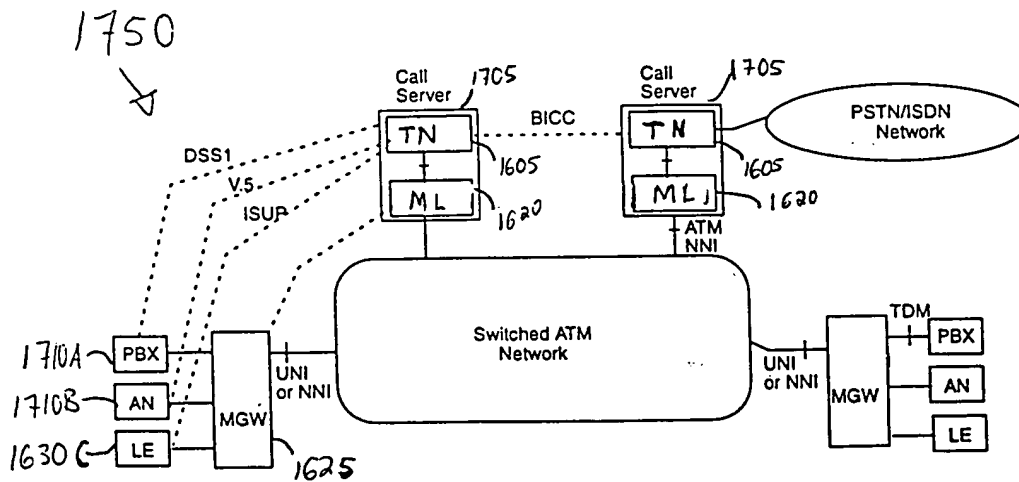


FIG. 17B

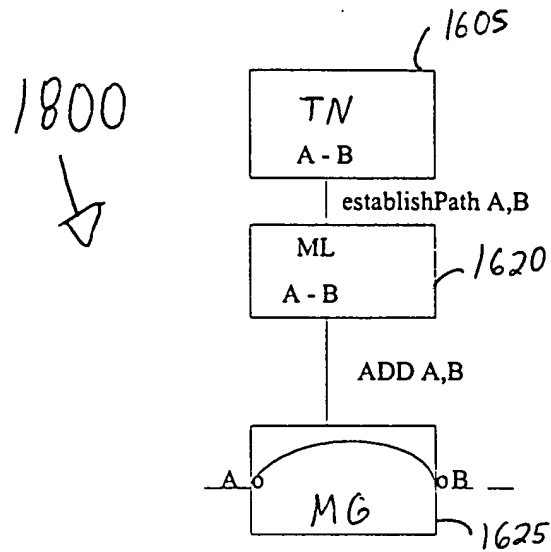


FIG. 18A

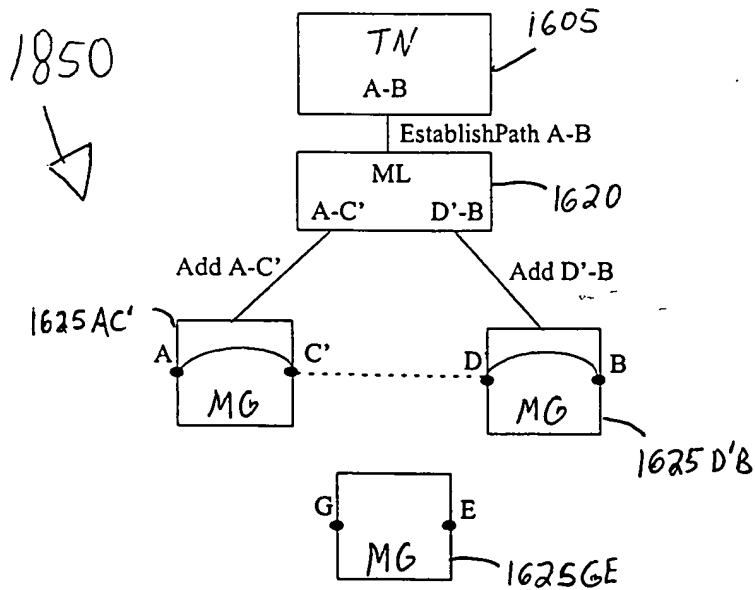
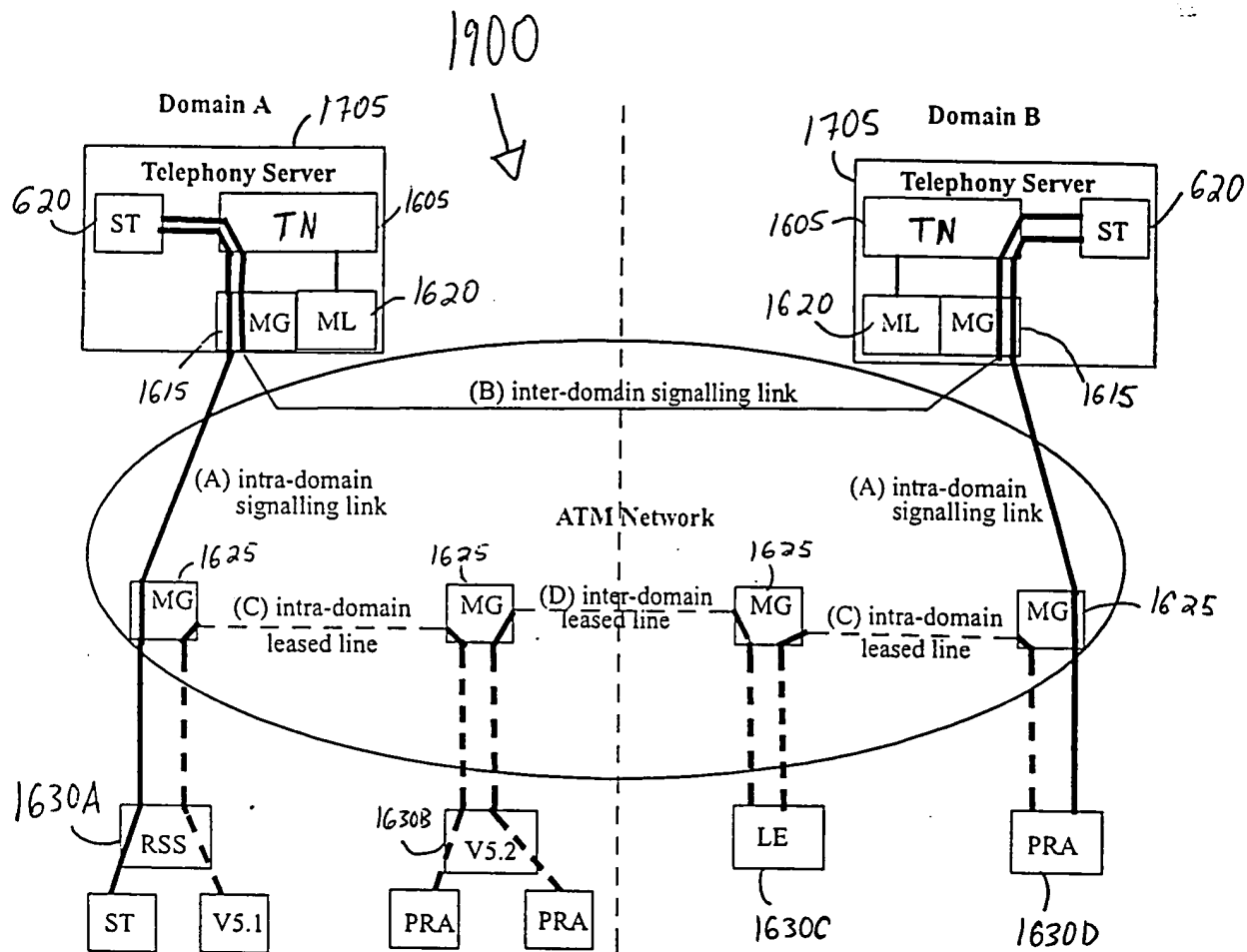


FIG. 18B



- The part of a signalling link configured by **TN** commands (A)
- The part of a signalling link configured by ATM Management System (B)
- The part of a leased line configured by **TN** commands
- The part of a leased line configured by ATM Management System (C) & (D)

FIG. 19

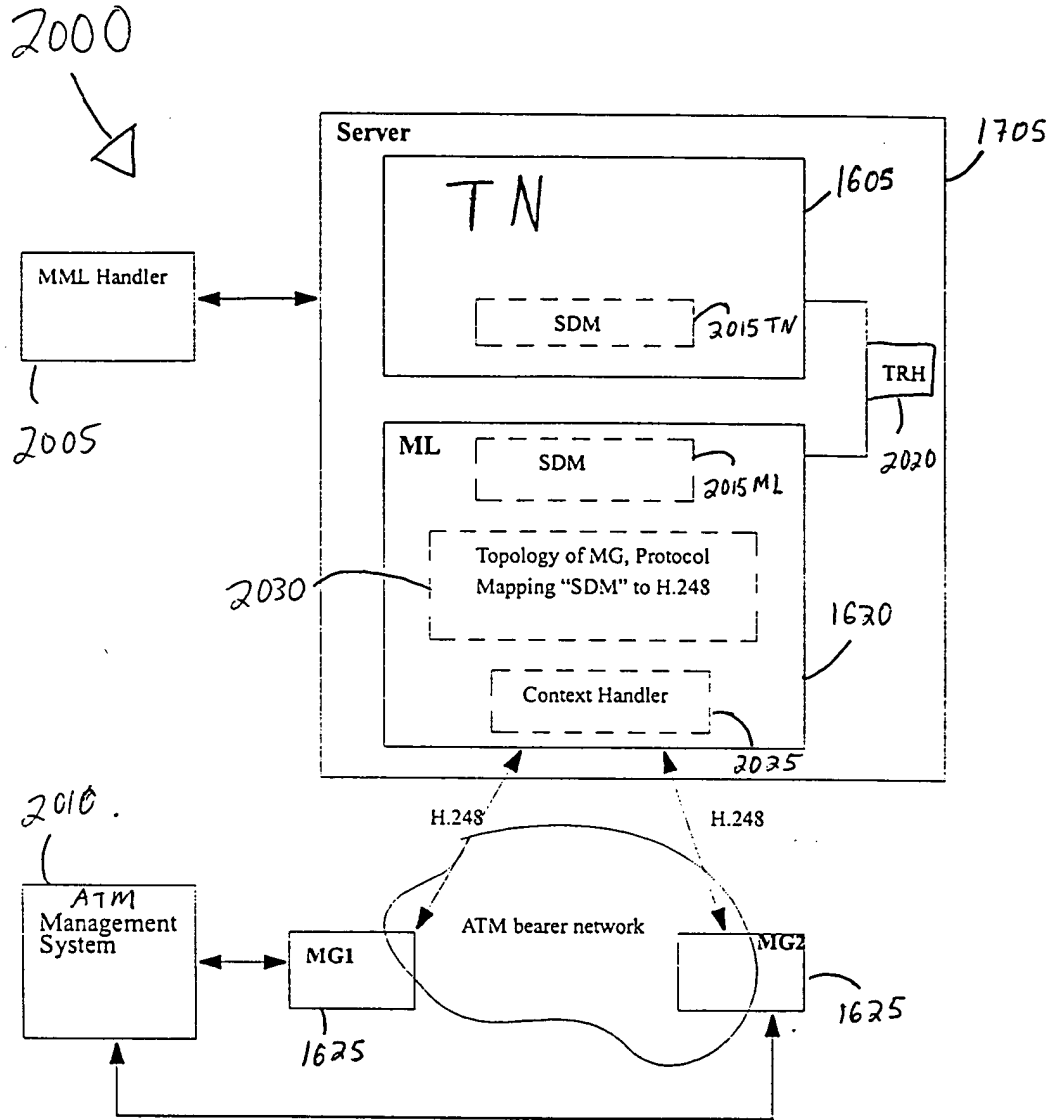


FIG. 20A

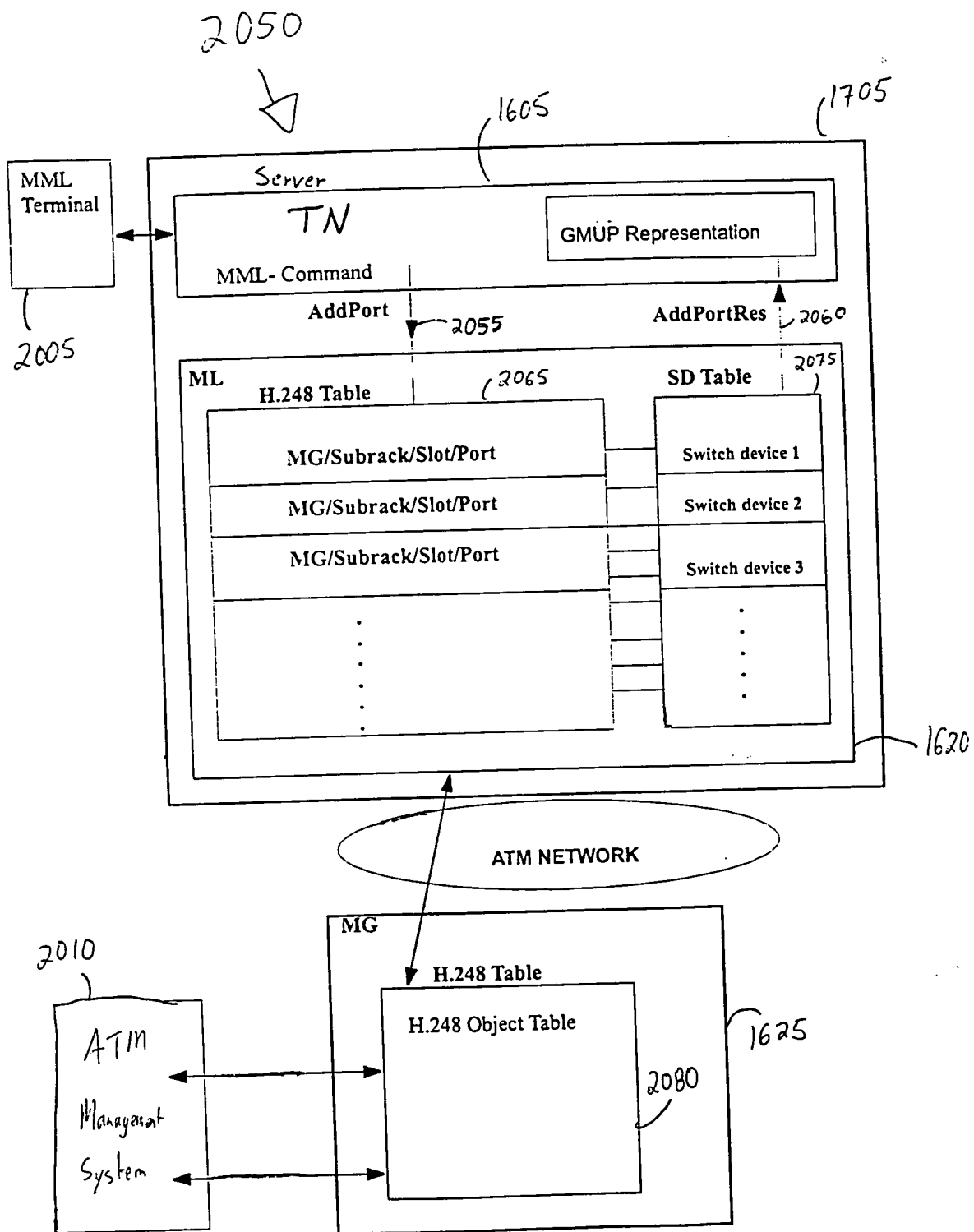


FIG. 20B